

[Home](#) [Browse](#) [Search](#) [My Settings](#) [Alerts](#) [Help](#)Quick Search Title, abstract, keywords Author  search tipsJournal/book title Volume Issue Page Clear Go 

Advanced Search

21 articles found for: TITLE-ABS-KEY(cad tooth model)

[Save Search](#)☒ Full-text available ☐ Non-subscribed  What does this mean?Font Size  

Search Within Results

Sort by Date | Relevance

Refine Results

Content Type

- ☐ Journal (21)

Journal/Book Title

- ☐ Dental Materials (4)
- ☐ Journal of Materials Processing Technology (3)
- ☐ International Journal of Machine Tools and Manu... (2)
- ☐ Journal of Dentistry (2)
- ☐ Mechanism and Machine Theory (2)
- [view more](#)

Year

- ☐ 2008 (3)
- ☐ 2007 (3)
- ☐ 2006 (2)
- ☐ 2005 (1)
- ☐ 2004 (1)
- [view more](#)

1. Marginal and internal fit of metal-ceramic crowns fabricated with a new laser melting technology
Dental Materials, In Press, Corrected Proof, Available online 1 April 2008
 Katrin Quante, Klaus Ludwig, Matthias Kern
 | Related Articles
2. Smiles and archform: A comparison study
Orthodontic Waves, In Press, Corrected Proof, Available online 19 March 2008
 Kiarash Manshaee, Shohreh Changizi, Yalda Nozad Mojaver
 | Related Articles
3. Multi-factorial analysis of a cusp-replacing adhesive premolar restoration: A finite element study
Journal of Dentistry, Volume 36, Issue 3, March 2008, Pages 194-203
 Chun-Li Lin, Yen-Hsiang Chang, Peng-Ru Liu
 | Related Articles
4. Direct mechanical data acquisition of dental impressions for the manufacturing of CAD/CAM restorations
Journal of Dentistry, Volume 35, Issue 12, December 2007, Pages 903-908
 Sebastian Quaas, Heike Rudolph, Ralph G. Luthardt
 | Related Articles
5. A comparative analysis of the geometrical surface texture of a real and virtual model of a tooth flank of a cylindrical gear
Journal of Materials Processing Technology, In Press, Corrected Proof, Available online 17 November 2007
 Jacek Michalski, Leszek Skoczylas
 | Related Articles
6. Effect of Variation of Root Post in Different Layers of Tooth: Linear vs Nonlinear Finite Element Stress Analysis
Journal of Bioscience and Bioengineering, Volume 104, Issue 5, 2007, Pages 363-370
 Rashmi V. Uddanwadikar, Pramod M. Padole, Harshwardhan Arya
 | Related Articles
7. The influence of different core material on the FEA-determined stress distribution in dental crowns
Dental Materials, Volume 22, Issue 3, March 2006, Pages 234-242
 Niek De Jager, Marcel de Kler, Jef M. van der Zel
 | Related Articles
8. A three-dimensional evaluation of a laser scanner and a touch-probe scanner
The Journal of Prosthetic Dentistry, Volume 95, Issue 3, March 2006, Pages 194-200
 Anna Persson, Matts Andersson, Agneta Oden, Gunilla Sandborgh-Englund
 | Related Articles
9. The influence of design parameters on the FEA-determined stress distribution in CAD-CAM produced all-ceramic dental crowns
Dental Materials, Volume 21, Issue 3, March 2005, Pages 242-251
 Niek De Jager, Prem Pallav, Albert J. Felizer
 | Related Articles
10. Analysis of three-dimensional sinter shrinkage of copings made from alumina in an innovative direct shaping process
Computerized Medical Imaging and Graphics, Volume 28, Issue 3, April 2004, Pages 159-165
 Eva-Maria Brick, Heike Rudolph, Jens Arnold, Ralph G. Luthardt
 | Related Articles
11. Integration of CT, CAD system and finite element method to investigate interfacial stresses of resin-bonded prosthesis
Computer Methods and Programs in Biomedicine, Volume 72, Issue 1, September 2003, Pages 55-64
 Chun-Li Lin, Huey-Er Lee, Chau-Hsiang Wang, Keng-Hua Chang
 | Related Articles
12. The precision of computer-generated surgical splints
Journal of Oral and Maxillofacial Surgery, Volume 61, Issue 7, July 2003, Pages 814-817
 Jaime Galeno, James Xia, John F. Teichgraber, Andrew Rosen, Bruce Hultgren, Tim Vadnais
 | Related Articles
13. Computerized design, simulation of meshing, and contact and stress analysis of face-milled formate generated spiral bevel gears
Mechanism and Machine Theory, Volume 37, Issue 5, May 2002, Pages 441-459
 Faydor L. Litvin, Alfonso Fuentes, Qi Fan, Robert F. Handschuh
 | Related Articles
14. Computer solid modeling technologies applied to develop and form mathematical parametric tooth profile of bevel gear and skew gear sets

21 articles found for: TITLE-ABS-KEY(cad tooth model)

[Save Search](#)




[Home](#) [Browse](#) [Search](#) [My Settings](#) [Alerts](#) [Help](#)



[About ScienceDirect](#) | [Contact Us](#) | [Terms & Conditions](#) | [Privacy Policy](#)

Copyright © 2008 Elsevier B.V. All rights reserved. ScienceDirect® is a registered trademark of Elsevier B.V.

[Home](#) [Browse](#) [Search](#) [My Settings](#) [Alerts](#) [Help](#)

Quick Search Title, abstract, keywords Author
 search tips Journal/book title Volume Issue Page Clear  Go  Advanced Search

24 articles found for: TITLE-ABS-KEY(3d tooth surface model)
[Save Search](#)

 = Full-text available  = Non-subscribed  What does this mean?

Font Size  

Search Within Results:



Email Articles



Export Citations



Open All Reviews

Sort by: Date | Relevance

Refine Results

Limit To

Exclude

Content Type

Journal (24)

Journal/Book Title

Dental Materials (8)

Journal of Dentistry (2)

Mechanism and Machine Theory (2)

Archives of Oral Biology (1)

Computer Methods and Programs in Biomedicine (1)

view more

Year

2008 (4)

2007 (4)

2006 (4)

2005 (3)

2004 (4)

view more

Limit To

Exclude

1. Effect of addendum on contact strength, bending strength and basic performance parameters of a pair of spur gears
Mechanism and Machine Theory, In Press, Corrected Proof, Available online 13 February 2008
Shuting Li
 Preview PDF (1621 K) | Related Articles
2. Sub-surface crack propagation analysis in hypoid gears
Engineering Fracture Mechanics, Volume 75, Issues 3-4, February-March 2008, Pages 417-426
M. Guagliano, L. Vergani, M. Vimerca
 Preview PDF (1116 K) | Related Articles
3. Centrifugal load and its effects on bending strength and contact strength of a high speed thin-walled spur gear with offset web
Mechanism and Machine Theory, Volume 43, Issue 2, February 2008, Pages 217-239
Shuting Li
 Preview PDF (2348 K) | Related Articles
4. Manufacturing splints for orthognathic surgery using a three-dimensional printer
Oral Surgery, Oral Medicine, Oral Pathology, and Endodontology, Volume 105, Issue 2, February 2008, Pages e1-e7
Marco Christian Metzger, Bettina Hohlweg-Majert, Uli Schwarz, Matthias Teschner, Beat Hammer, Rainer Schmelzeisen
 Preview PDF (3735 K) | Related Articles
5. 3D statistical models for tooth surface reconstruction
Computers in Biology and Medicine, Volume 37, Issue 10, October 2007, Pages 1461-1471
Stéphanie I. Buchillard, S.H. Ong, Yohan Payan, Kelvin Foong
 Preview PDF (1573 K) | Related Articles
6. Accuracy of contacts calculated from 3D images of occlusal surfaces
Journal of Dentistry, Volume 35, Issue 6, June 2007, Pages 528-534
R. DeLong, S. Knorr, G.C. Anderson, J. Hodges, M.R. Pintado
 Preview PDF (566 K) | Related Articles
7. Efficient 3D finite element analysis of dental restorative procedures using micro-CT data
Dental Materials, Volume 23, Issue 5, May 2007, Pages 539-548
Pascale Magne
 Preview PDF (1696 K) | Related Articles
8. Modeling the investment casting of a titanium crown
Dental Materials, Volume 23, Issue 1, January 2007, Pages 60-70
R.C. Atwood, P.D. Lee, R.V. Curtis, D.M. Majler
 Preview PDF (1448 K) | Related Articles
9. Evaluation of the biomechanical behavior of maxillary central incisors restored by means of endocrowns compared to a natural tooth: A 3D static linear finite elements analysis
Dental Materials, Volume 22, Issue 11, November 2006, Pages 1035-1044
Fernando Zaroni, Roberto Sorrentino, Davide Apicella, Bartolomeo Valentino, Marco Ferrari, R. Aversa, A. Apicella
 Preview PDF (668 K) | Related Articles
10. 3D shape reconstruction of teeth by shadow speckle correlation method
Optics and Lasers in Engineering, Volume 44, Issue 5, May 2006, Pages 455-465
Jianxin Gao, Wei Xu, Jianping Geng
 Preview PDF (425 K) | Related Articles
11. Quantitative computer aided evaluation of dental impressions in vivo
Dental Materials, Volume 22, Issue 1, January 2006, Pages 69-76
Ralph G. Luthardt, Rainer Koch, Heike Rudolph, Michael H. Walter
 Preview PDF (124 K) | Related Articles
12. Numerical simulation on the biomechanical interactions of tooth/implant-supported system under various occlusal forces with rigid/non-rigid connections
Journal of Biomechanics, Volume 39, Issue 3, 2006, Pages 453-463
Chun-Li Lin, Jen-Chyan Wang, Yu-Chan Kuo
 Preview PDF (472 K) | Related Articles
13. Influence of tooth preparation design on the stress distribution in maxillary central incisors restored by means of alumina porcelain veneers: A 3D-finite element analysis
Dental Materials, Volume 21, Issue 12, December 2005, Pages 1178-1188
Fernando Zaroni, Davide Apicella, Roberto Sorrentino, Valeria Ferro, Raffaella Aversa, Antonio Apicella
 Preview PDF (512 K) | Related Articles

24 articles found for: TITLE-ABS-KEY(3d tooth surface model)

[Save Search](#)

[Home](#) [Browse](#) [Search](#) [My Settings](#) [Alerts](#) [Help](#)



[About ScienceDirect](#) | [Contact Us](#) | [Terms & Conditions](#) | [Privacy Policy](#)

Copyright © 2008 Elsevier B.V. All rights reserved. ScienceDirect® is a registered trademark of Elsevier B.V.